

ADVANCE CONTRACT AWARD NOTICE (ACAN)

1. Advance Contract Award Notice (ACAN)

An ACAN is a public notice indicating to the supplier community that a department or agency intends to award a contract for goods, services or construction to a pre-identified supplier, thereby allowing other suppliers to signal their interest in bidding, by submitting a statement of capabilities. If no supplier submits a statement of capabilities that meets the requirements set out in the ACAN, on or before the closing date stated in the ACAN, the contracting officer may then proceed with the award to the pre-identified supplier.

2. Definition of the requirement

The Department of Natural Resources Canada (NRCan) requires a service provider that will develop a methodology based on medical CT-Scan imagery to simulate flow in porous media at different scales (micro-, meso, and macro). The work will require a 3D study of fluid flow and heat transfer at the pore scale in geomaterials in order to support the geothermal energy modeling in the Bécancour project.

3. Criteria for assessment of the Statement of Capabilities (Minimum Essential Requirements)

Any interested supplier must demonstrate by way of a statement of capabilities that it meets the following requirements:

- Have access to a CT-Scan and a micro-scan ;
- Have at least 3 years of experience in rock core scanning and processing;
- Use open source software for modeling;
- Have at least 5 years experience in flow modeling in porous media.

4. Applicability of the trade agreement(s) to the procurement : N/A

5. Justification for the Pre-Identified Supplier

The supplier mentioned in section 10 below is the only known supplier that meets the mandatory criteria set out in section 3 above.

Should Canada receive a statement of capabilities from a supplier that contains sufficient information to indicate that it meets the requirements set forth in this ACAN, a competitive process will be triggered with a technical and financial evaluation methodology of the bids proposed by the potential bidders

6. Government Contracts Regulations Exception(s)

The following exception(s) to the Government Contracts Regulations is invoked

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for this procurement under subsection 6(d) - only one person is capable of performing the work.

The identified supplier, Institut national de la recherche scientifique, is the only one able to meet all of the criteria identified in paragraph 3 above.

7. Ownership of Intellectual Property

- Ownership of any Foreground Intellectual Property arising out of the proposed contract will vest in the Contractor.

8. Period of the proposed contract or delivery date

The proposed contract is for an estimated period of 3 months and the optional services scheduled to end on March 31, 2022.

9. Cost estimate of the proposed contract

The estimated value of the contract, including option(s), is below \$70,000.00 (GST/QST extra).

10. Name and address of the pre-identified supplier

Institut national de la recherche scientifique
490, rue de la Couronne, Québec (Québec) G1K 9A9

11. Suppliers' right to submit a statement of capabilities

Suppliers who consider themselves fully qualified and available to provide the goods, services or construction services described in the ACAN may submit a statement of capabilities in writing to the contact person identified in this notice on or before the closing date of this notice. The statement of capabilities must clearly demonstrate how the supplier meets the advertised requirements.

12. Closing date for a submission of a statement of capabilities

The closing date and time for accepting statements of capabilities is December 18, 2020 at 2:00 p.m. EST.

13. Inquiries and submission of statements of capabilities

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